PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHOR	RITY			
To: RICHARD J. LONG CHARM SCIENCES, INC.		PCT		
659 ANDOVER STREET LAWRENCE, MA 01843-1032			ITTEN OPINION OF THE DNAL SEARCHING AUTHORITY	
			(PCT Rule 43bis.1)	
		Date of mailing (day/month/year)	27 APR 2005	
Applicant's or agent's file reference		FOR FURTHER	ACTION See paragraph 2 below	
0656-032US3 International application No.	International filing date (day/month/vear	Priority date (day/month/year)	
PCT/US04/37220 05 November 2004 (05.			18 November 2003 (18.11.2003)	
International Patent Classification (IPC) or	both national classificati	ion and IPC		
IPC(7): C12N 5/00; C12M 1/34; C12Q 1/02	2, 1/18, 1/24 and US Cl.:	: 435/29, 30, 32, 287.	6, 375	
Applicant				
CHARM SCIENCES, INC.				
1. This opinion contains indications relati	ing to the following items	s:		
Box No. I Basis of the o	pinion			
Box No. II Priority				
Box No. III Non-establish	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability			
Box No. IV Lack of unity	Box No. IV Lack of unity of invention			
Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
Box No. VI Certain docum	nents cited		·	
Box No. VII Certain defect	ts in the international app	plication		
Box No. VIII Certain observ	Box No. VIII Certain observations on the international application			
2. FURTHER ACTION				
International Preliminary Examining	Authority ("IPEA") execution Execution IPEA and the chosen I	cept that this does IPEA has notified th	be considered to be a written opinion of the not apply where the applicant chooses an e International Bureau under Rule 66.1bis(b) ered.	
IPEA a written reply together, where a of Form PCT/ISA/220 or before the exp	appropriate, with amends piration of 22 months fro	ments, before the exp	EA, the applicant is invited to submit to the piration of 3 months from the date of mailing whichever expires later.	
For further options, see Form PCT/ISA	J22 0 .			
3. For further details, see notes to Form P	CT/ISA/220.			
Name and mailing address of the ISA/ US		Authorized officer		
Mail Stop PCT, Attn: ISA/US	•	Ralph/Gitomer	relik Joekpon	
Commissioner for Patents P.O. Box 1450		1	toke	
Alexandria, Virginia 22313-1450		Telephone No. (7	03) 308-1235	

Alexandria, Virginia 22313-1450
Facsimile No. (703) 305-3230
Form PCT/ISA/237 (cover sheet) (January 2004)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US04/37220

Box No	o. 1 Basis of this opinion			
1. With r was fi	egard to the language, this opinion has been established on the basis of the international application in the language in which it led, unless otherwise indicated under this item.			
	This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).			
2. With r	egard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed ion, this opinion has been established on the basis of:			
a.	type of material			
	a sequence listing			
	table(s) related to the sequence listing			
b.	format of material			
	in written format			
	in computer readable form			
c.	time of filing/furnishing			
	contained in international application as filed.			
	filed together with the international application in computer readable form.			
	furnished subsequently to this Authority for the purposes of search.			
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.			
4. Additi	onal comments:			
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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/37220

1. Statement					
Novelty (N)	Claims 1-66	YE			
	Claims NONE				
		V			
Inventive step (IS)	Claims 1-66				
	Claims NONE				
Industrial applicability(IA)	Claims 1-66	YE			
	Claims NONE	NC			
Citations and explanations: aims 1-66 meet the criteria set out in PCT Article	: 33(2)-(3), because the prior art does not teach or fa	irly suggest the presently			
termine the presence of antibiotics in order	philus to selectively reduce inhibitory activity of anti to adjust the sensitivity of the assay.	ibiotics in an assay to			
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